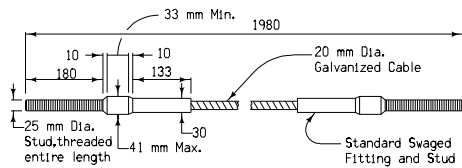


GENERAL NOTES:

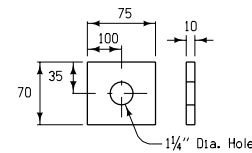
All hardware shall conform to the specifications set forth in "A Guide to Standardized Barrier Hardware", published by AASHTO.

The price bid for "Guardrail, End Anchorage, Beam, RE-33A", shall be considered full compensation for furnishing the materials detailed on this sheet and the construction of the end anchorage. Three-beam guardrail and 150 mm x 200 mm post with blockout are not included with this bid item.

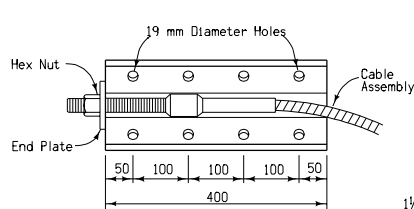
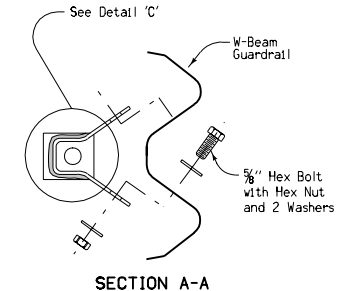
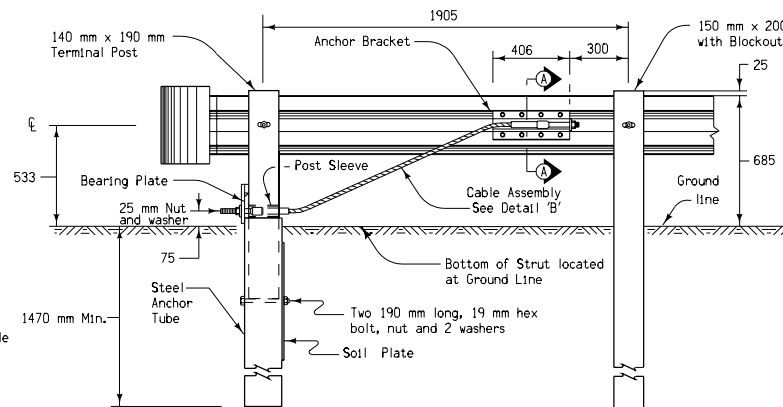
- ① Two 7.5" long, 3/4" hex bolt, nut and washers under head and nut.
- ② One 10" long, 3/4" hex bolt, nut and washers under head and nut.



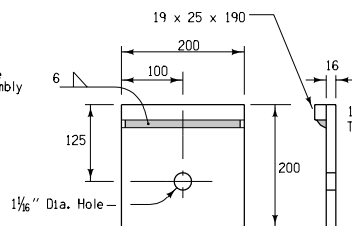
DETAIL 'B' CABLE ASSEMBLY



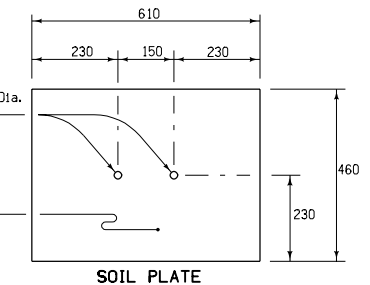
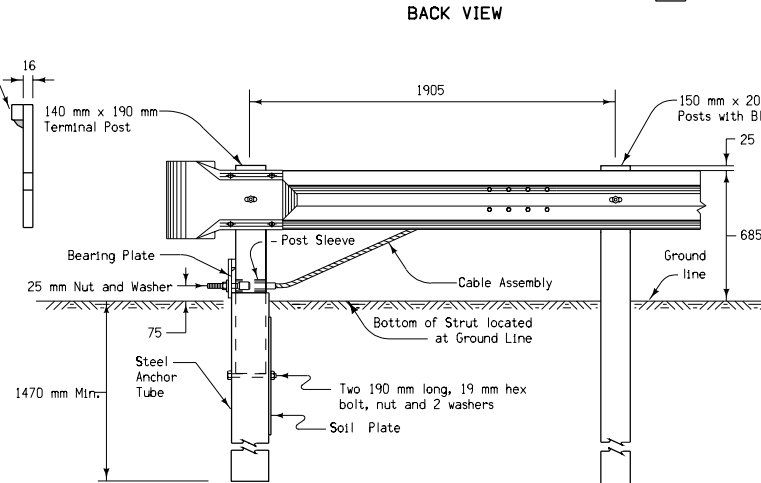
END PLATE



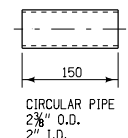
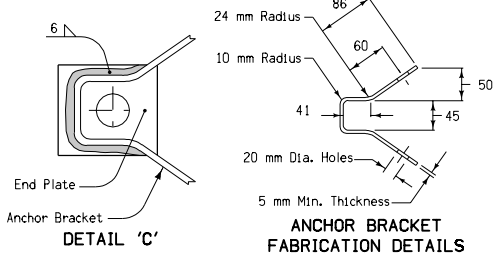
ANCHOR BRACKET ASSEMBLY VIEW



BEARING PLATE



All dimensions given in millimeters unless noted.



METRIC VERSION	Iowa Department of Transportation Highway Division	STANDARD ROAD PLAN RE-33A	
		REVISION: Replace concrete anchor with steel anchor tube and plate.	REVISION NO. 4
		William J. Sten	REVISION DATE 10-29-02
		APPROVED BY DESIGN METHODS ENGINEER	
		BEAM GUARDRAIL END ANCHORAGE (W- BEAM)	